



Spectrix Analytical Services, LLC

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Title: Identity by UPLC-MS

Date: 29OCT2020

Analyst: Jodi Soufrine/Jianming Tao

Submitter: Healthy Drops, www.healthydrops.net, phone number: 321 223 6058

Sample Identification:

Fenbenzanole (off-white powder). Received on 28OCT2020.
Reference standards used: Fenbendazole from Sigma-Aldrich.

Report Prepared By: Jodi Soufrine/Jianming Tao

Report Reviewed By: Jianming Tao

Report Summary:

Sample ID	Identity Confirmation: does the sample contain active ingredient as stated	Purity, % (UPLC-UV)
Fenbenzanole	Yes	99.9

Experimental Details:

Method details

Column: ACQUITY UPLC® BEH C18 1.7µm 2.1 x 50mm; (at 35°C)
Mobile phase A: Water with 0.1% Trifluoroacetic acid
Mobile phase B: Acetonitrile
Flow: 0.8mL/min
Injection volume: 1.5µL

Gradient

Hold 5% B 0 – 0.25min
5 - 95% B 0.25 – 7.75min
Hold 95% B 7.75 – 8.25min
95 – 5% B 8.25 – 8.35min
Hold 5% B 8.35 – 10min

UV detection

Fenbendazole: 300nm

Mass detection

Positive and negative scan mass: 30-1250 Da
Probe Temp.: 600°C
Capillary: ±0.8kV
Cone Voltage: ±15V

Spectrix Analytical Services: UPLC Reports 2020/

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